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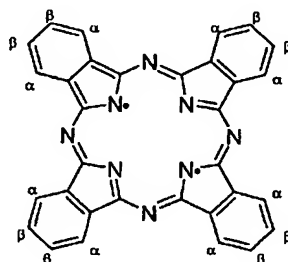
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(54) Title: **CYAN INKS AND THEIR USE IN INK-JET PRINTERS**



(2)

(57) Abstract: A composition comprising: (a) a major dye component which is a mixture of copper phthalocyanine dyes of Formula (1): $\text{CuPc}\beta\text{-(SO}_3\text{M)}_x\beta\text{-(SO}_2\text{NH}_2)_y$ Formula (1) wherein: Pc represents a phthalocyanine nucleus of Formula (2); M is a cation; x and y each independently have an average value of from 0.5 to 3.5; $(x+y) = 4$; and the sulfo and sulfonamide substituents are attached to a β -position on the phthalocyanine ring; and (b) a liquid medium which comprises water and an organic solvent or an organic solvent free from water. Also ink-jet printing processes, printed images, ink-jet printers and ink-jet cartridges.